Improvements to roads and drains and other developmental works in Singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

PRE-MEASUREMENT SHEETS

"FIRST AND PART BILL"

Measurements Recorded on : 25/09/2020

As per BOQ) Item No 81

Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity
				m	m	m	
	Chowdeshwari ward no -02	Sqm					
	Chowdeshawari layout Desilt						
	3rd A cross rd, Cross road-2						
	LHS, Ch:0.00m to 30.00m						
	Ch:30.00m to 50.00m		1	30.00	0.60		18.00
	RHS, Ch:0.00m to 30.00m		1	20.00	0.60		12.00
	Ch:30.00m to 50.00m		1	25.00	0.60		15.00
	Near markendeya temple rd		1	20.00	0.60		12.00
	RHS, Ch:0.00m to 30.00m						
	Ch:30.00m to 41.00m		1	19.00	0.60		11.40
			1	11.00	0.60		6.60
						Total Qty	**75.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

actor

SOCIUS E... PVT. LTD.
Bengaluru
560 010
Consultant

Assistant Engin...

Asst. Executive Engineer

Measurements Recorded on : 16/06/2020

(As per BOQ) Item No 82

KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Chowdeshwari ward no -02	Cum					
	Main road CC Drain, Telugu school to Vijaya Jyothi School						
	Ch:0.00m to 30.00m		1	30.00	1.00	0.90	27.00
	Ch:30.00m to 60.00m		1	30.00	1.00	0.90	27.00
	Ch:60.00m to 90.00m		1	30.00	1.00	0.90	27.00
	Ch:90.00m to 97.80m		1	7.80	1.00	0.90	7.02
	Chowdeshawari layout						
	6th Main road CC Drain Chowdeshawari layout						
	Ch:0.00m to 13.50m		1	13.50	1.00	0.90	12.15
	Ch:13.50m to 41.50m		1	28.00	1.00	0.90	25.20
	Ch:41.50m to 69.20m		1	27.70	1.00	0.90	24.93
	Markandeya Temple						
	5th B cross road						
	Ch:0.00m to 5.00m		1	5.00	1.00	0.90	4.50
	Ch:5.00m to 20.00m		1	15.00	1.00	0.90	13.50
	Ch:20.00m to 35.00m		1	15.00	1.00	0.90	13.50
	Ch:35.00m to 47.40m		1	12.40	1.00	0.90	11.16
	Ch:47.40m to 55.90m		1	8.50	1.00	0.90	7.65
	Chowdeshawari layout						
	3rd cross road CC Drain						
	Ch:0.00m to 30.00m		1	30.00	1.00	1.00	30.00
	Ch:30.00m to 37.00m		1	7.00	1.00	1.00	7.00
	Ch:37.00m to 64.90m		1	27.90	1.00	1.00	27.90
	Kondappa Western Side						
	Majjid road CC Drain **RHS**						
	Ch:0.00m to 30.00m		1	30.00	1.00	1.00	30.00
	Ch:30.00m to 60.00m		1	30.00	1.00	1.00	30.00
	Ch:60.00m to 90.00m		1	30.00	1.00	1.00	30.00
	Ch:90.00m to 108.40m		1	18.40	1.00	1.00	18.40
	Ch:0.00m to 30.00m **LHS**		1	30.00	1.00	1.00	30.00
	Ch:30.00m to 60.00m		1	30.00	1.00	1.00	30.00
	Ch:60.00m to 90.00m		1	30.00	1.00	1.00	30.00
	Ch:90.00m to 120.00m		1	30.00	1.00	1.00	30.00

Verified
A.E.E 16/06/2020

Calc

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ward No. 2h)
Assistant Executive Engineer

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Ch:120.00m to 138.40m		1	18.40	1.00	1.00	18.40
	Majjid back side road CC Drain						
	Ch:0.00m to 30.00m		1	30.00	1.00	1.00	30.00
	Ch:30.00m to 60.00m		1	30.00	1.00	1.00	30.00
	Ch:60.00m to 90.00m		1	30.00	1.00	1.00	30.00
	Ch:90.00m to 94.80m		1	4.80	1.00	1.00	4.80
	Mestri home road						
	Ch:0.00m to 9.80m		1	9.80	1.00	1.00	9.80
	Ch:9.80m to 39.80m		1	30.00	1.00	1.00	30.00
	Ch:38.80m to 49.30m		1	9.50	1.00	1.00	9.50
	Ch:49.30m to 69.30m		1	20.00	1.00	1.00	20.00
	Kondappa Eastern Side						
	Maga Factory road						
	Ch:0.00m to 24.60m		1	24.60	1.00	1.00	24.60
	Jnanabharathi school cc drain						
	Ch:0.00m to 30.00m		1	30.00	1.00	1.00	30.00
	Ch:30.00m to 38.90m		1	8.90	1.00	1.00	8.90
	15th cross road						
	Ch:0.00m to 30.00m		1	30.00	1.00	1.00	30.00
	Ch:30.00m to 60.00m		1	30.00	1.00	1.00	30.00
	Ch:60.00m to 82.00m		1	22.00	1.00	1.00	22.00
	Beside 14th and 15th cross						
	Ch:0.00m to 30.00m		1	30.00	1.00	1.00	30.00
	Ch:30.00m to 35.00m		1	5.00	1.00	1.00	5.00
	Chowdeshawari layout Desilt						
	3rd A cross rd, Cross road-2						
	Ch:0.00m to 30.00m **LHS**		1	30.00	0.40	0.55	6.60
	Ch:30.00m to 50.00m		1	20.00	0.40	0.55	4.40
	Ch:0.00m to 30.00m **RHS**		1	30.00	0.40	0.55	6.60
	Ch:30.00m to 50.00m		1	20.00	0.40	0.55	4.40
	Near markendeya temple rd						
	Ch:0.00m to 30.00m		1	30.00	0.45	0.55	7.43
	Ch:30.00m to 41.00m		1	11.00	0.45	0.55	2.72
	Culverts						
	3rd cross road		1	4.50	1.50	0.90	6.08
	Majjid road		1	6.00	1.50	0.90	8.10
	6th main road		1	4.80	1.50	0.90	6.48
	7th cross road		1	3.70	1.50	0.90	5.00
			1	0.80	1.50	0.90	1.08
	8th cross road		1	3.70	1.50	0.90	5.00
			1	0.40	1.50	0.90	0.54
			1	0.50	1.50	0.90	0.68
	9th cross road		1	4.40	1.50	0.90	5.94
			1	1.60	1.50	0.90	2.16
	10th cross road		1	3.80	1.50	0.90	5.13
			1	1.10	1.50	0.90	1.49

Verified
A.E.E 16/06/2020

CC PE

Contractor

SOCIUS ENGG. TECH PVT LTD Bengaluru 560 010 Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division

Assistant Executive Engineer

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity
				m	m	m	
	11th cross road		1	4.50	1.50	0.90	6.08
			1	1.20	1.50	0.90	1.62
	Majjid back side road		1	5.60	1.50	0.90	7.56
	1st cross Chowdeshawari layout		1	5.00	1.50	0.90	6.75
			1	4.90	1.50	0.90	6.62
	2nd cross Chowdeshawari layout		1	5.00	1.50	0.90	6.75
					Total Qty		972.08

Verified

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yelk. Zn)
Yelahanka, Bangalore

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bangaluru 560 010

Consultant

Assistant Engineer

Assistant Executive Engineer

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 25/09/2020

(As per BOQ) Item No 02

Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Chowdeshwari ward no -02	Cum					
	Main road CC Drain, Telugu school to Vijaya Jyothi School						
	Ch:0.00m to 30.00m		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 60.00m		1	30.00	1.00	0.15	4.50
	Ch:60.00m to 90.00m		1	30.00	1.00	0.15	4.50
	Ch:90.00m to 97.80m		1	7.80	1.00	0.15	1.17
	Chowdeshawari layout						
	6th Main road CC Drain Chowdeshawari layout						
	Ch:0.00m to 13.50m		1	13.50	1.00	0.15	2.03
	Ch:13.50m to 41.50m		1	28.00	1.00	0.15	4.20
	Ch:41.50m to 69.20m		1	27.70	1.00	0.15	4.16
	Markandeya Temple						
	5th B cross road						
	Ch:0.00m to 5.00m		1	5.00	1.00	0.15	0.75
	Ch:5.00m to 20.00m		1	15.00	1.00	0.15	2.25
	Ch:20.00m to 35.00m		1	15.00	1.00	0.15	2.25
	Ch:35.00m to 47.40m		1	12.40	1.00	0.15	1.86
	Ch:47.40m to 55.90m		1	8.50	1.00	0.15	1.28
	Chowdeshawari layout						
	3rd cross road CC Drain						
	Ch:0.00m to 30.00m		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 37.00m		1	7.00	1.00	0.15	1.05
	Ch:37.00m to 64.90m		1	27.90	1.00	0.15	4.19
	Kondappa Western Side						
	Majjid road CC Drain **RHS**						
	Ch:0.00m to 30.00m		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 60.00m		1	30.00	1.00	0.15	4.50
	Ch:60.00m to 90.00m		1	30.00	1.00	0.15	4.50
	Ch:90.00m to 108.40m		1	18.40	1.00	0.18	2.76
	Ch:0.00m to 30.00m **LHS**		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 60.00m		1	30.00	1.00	0.15	4.50
	Ch:60.00m to 90.00m		1	30.00	1.00	0.15	4.50

Verified
A.E.E 25/9

C&B

Contractor

OCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yelahanka Zone)
Assistant Executive Engineer

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity
				m	m	m	
	Ch:90.00m to 120.00m		1	30.00	1.00	0.15	4.50
	Ch:120.00m to 138.40m		1	18.40	1.00	0.15	2.76
	Majjid back side road CC Drain						
	Ch:0.00m to 30.00m		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 60.00m		1	30.00	1.00	0.15	4.50
	Ch:60.00m to 90.00m		1	30.00	1.00	0.15	4.50
	Ch:90.00m to 94.80m		1	4.80	1.00	0.15	0.72
	Mestri home road						
	Ch:0.00m to 9.80m		1	9.80	1.00	0.15	1.47
	Ch:9.80m to 39.80m		1	30.00	1.00	0.15	4.50
	Ch:38.80m to 49.30m		1	9.50	1.00	0.15	1.43
	Ch:49.30m to 69.30m		1	20.00	1.00	0.15	3.00
	Kondappa Eastern Side						
	Maga Factory road						
	Ch:0.00m to 24.60m		1	24.60	1.00	0.15	3.69
	Jnanabharathi school cc drain		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 38.90m		1	8.90	1.00	0.15	1.34
	15th cross road						
	Ch:0.00m to 30.00m		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 60.00m		1	30.00	1.00	0.15	4.50
	Ch:60.00m to 82.00m		1	22.00	1.00	0.15	3.30
	Beside 14th and 15th cross						
	Ch:0.00m to 30.00m		1	30.00	1.00	0.15	4.50
	Ch:30.00m to 35.00m		1	5.00	1.00	0.15	0.75
	Culverts						
	3rd cross road		1	4.50	1.50	0.15	1.01
	Majjid road		1	6.00	1.50	0.15	1.35
	6th main road		1	4.80	1.50	0.15	1.08
	7th cross road		1	3.70	1.50	0.15	0.83
			1	0.80	1.50	0.15	0.18
	8th cross road		1	3.70	1.50	0.15	0.83
			1	0.40	1.50	0.15	0.09
			1	0.50	1.50	0.15	0.11
	9th cross road		1	4.40	1.50	0.15	0.99
			1	1.60	1.50	0.15	0.36
	10th cross road		1	3.80	1.50	0.15	0.86
			1	1.10	1.50	0.15	0.25
	11th cross road		1	4.50	1.50	0.15	1.01
			1	1.20	1.50	0.15	0.27
	Majjid back side road		1	5.60	1.50	0.15	1.26
	1st cross Chowdeshawari layout		1	5.00	1.50	0.15	1.13
			1	4.90	1.50	0.15	1.10
	2nd cross Chowdeshawari layout		1	5.00	1.50	0.15	1.13
					Total Qty		**145.72**

Verified
25/9
A.E.E

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
Assistant Executive Engineer

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 30/09/2020

(As per BOQ) Item No 92

Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Raft concrete	Cum					
	Chowdeshwari ward no -02						
	Main road CC Drain, Telugu school to Vijaya Jyothi School						
	Ch:0.00m to 30.00m		1	30.00	0.90	0.15	4.05
	Ch:30.00m to 60.00m		1	30.00	0.90	0.15	4.05
	Ch:60.00m to 90.00m		1	30.00	0.90	0.15	4.05
	Ch:90.00m to 97.80m		1	7.80	0.75	0.15	0.88
	Chowdeshawari layout						
	6th Main road CC Drain Chowdeshawari layout						
	Ch:0.00m to 13.50m		1	13.50	0.75	0.15	1.52
	Ch:13.50m to 41.50m		1	28.00	0.75	0.15	3.15
	Ch:41.50m to 69.20m		1	27.70	0.75	0.15	3.12
	Markandeya Temple						
	5th B cross road						
	Ch:0.00m to 5.00m		1	5.00	0.75	0.15	0.56
	Ch:5.00m to 20.00m		1	15.00	0.75	0.15	1.69
	Ch:20.00m to 35.00m		1	15.00	0.75	0.15	1.69
	Ch:35.00m to 47.40m		1	12.40	0.75	0.15	1.40
	Ch:47.40m to 55.90m		1	8.50	0.75	0.15	0.96
	Chowdeshawari layout						
	3rd cross road CC Drain						
	Ch:0.00m to 30.00m		1	30.00	0.75	0.15	3.38
	Ch:30.00m to 37.00m		1	7.00	0.75	0.15	0.79
	Ch:37.00m to 64.90m		1	27.90	0.75	0.15	3.14
	Kondappa Western Side						
	Majjid road CC Drain **RHS**						
	Ch:0.00m to 30.00m		1	30.00	0.75	0.15	3.38
	Ch:30.00m to 60.00m		1	30.00	0.75	0.15	3.38
	Ch:60.00m to 90.00m		1	30.00	0.75	0.15	3.38
	Ch:90.00m to 108.40m		1	18.40	0.75	0.15	2.07
	Ch:0.00m to 30.00m **LHS**		1	30.00	0.75	0.15	3.38

Verified
A.E.E

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Assistant Engineer

Asst. Executive Engineer
Yela... Assistant Executive Engineer

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Ch:30.00m to 60.00m		1	30.00	0.75	0.15	3.38
	Ch:60.00m to 90.00m		1	30.00	0.75	0.15	3.38
	Ch:90.00m to 120.00m		1	30.00	0.75	0.15	3.38
	Ch:120.00m to 138.40m		1	18.40	0.75	0.15	2.07
	Majjid back side road CC Drain						
	Ch:0.00m to 30.00m		1	30.00	0.75	0.15	3.38
	Ch:30.00m to 60.00m		1	30.00	0.75	0.15	3.38
	Ch:60.00m to 90.00m		1	30.00	0.75	0.15	3.38
	Ch:90.00m to 94.80m		1	4.80	0.75	0.15	0.54
	Mestri home road						
	Ch:0.00m to 9.80m		1	9.80	0.75	0.15	1.10
	Ch:9.80m to 39.80m		1	30.00	0.75	0.15	3.38
	Ch:38.80m to 49.30m		1	9.50	0.75	0.15	1.07
	Ch:49.30m to 69.30m		1	20.00	0.75	0.15	2.25
	Kondappa Eastern Side						
	Maga Factory road						
	Ch:0.00m to 24.60m		1	24.60	0.90	0.15	3.32
	Jnanabharathi school cc drain		1	30.00	0.90	0.15	4.05
	Ch:30.00m to 38.90m		1	8.90	0.90	0.15	1.20
	15th cross road						
	Ch:0.00m to 30.00m		1	30.00	0.75	0.15	3.38
	Ch:30.00m to 60.00m		1	30.00	0.75	0.15	3.38
	Ch:60.00m to 82.00m		1	22.00	0.75	0.15	2.48
	Beside 14th and 15th cross						
	Ch:0.00m to 30.00m		1	30.00	0.90	0.15	4.05
	Ch:30.00m to 35.00m		1	5.00	0.90	0.15	0.68
	Culverts						
	3rd cross road		1	4.50	1.20	0.23	1.24
	Majjid road		1	6.00	1.20	0.23	1.66
	6th main road		1	4.80	1.20	0.23	1.32
	7th cross road		1	3.70	1.20	0.23	1.02
			1	0.80	1.20	0.23	0.22
	8th cross road		1	3.70	1.20	0.23	1.02
			1	0.40	1.20	0.23	0.11
			1	0.50	1.20	0.23	0.14
	9th cross road		1	4.40	1.20	0.23	1.21
			1	1.60	1.20	0.23	0.44
	10th cross road		1	3.80	1.20	0.23	1.05
			1	1.10	1.20	0.23	0.30
	11th cross road		1	4.50	1.20	0.23	1.24
			1	1.20	1.20	0.23	0.33
	Majjid back side road		1	5.60	1.20	0.23	1.55
	1st cross Chowdeshawari layout		1	5.00	1.20	0.23	1.38
			1	4.90	1.20	0.23	1.35
	2nd cross Chowdeshawari layout		1	5.00	1.20	0.23	1.38
	Walls concrete						

Verified
30/9
A.E.E

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Chowdeshwari ward no -02						
	Main road CC Drain, Telugu school to Vijaya Jyothi School						
	Ch:0.00m to 30.00m		2	30.00	0.15	0.60	5.40
	Ch:30.00m to 60.00m		2	30.00	0.15	0.60	5.40
	Ch:60.00m to 90.00m		2	30.00	0.15	0.60	5.40
	Ch:90.00m to 97.80m		2	7.80	0.15	0.60	1.40
	Chowdeshawari layout						
	6th Main road CC Drain Chowdeshawari layout						
	Ch:0.00m to 13.50m		2	13.50	0.15	0.60	2.43
	Ch:13.50m to 41.50m		2	28.00	0.15	0.60	5.04
	Ch:41.50m to 69.20m		2	27.70	0.15	0.60	4.99
	Markandeya Temple						
	5th B cross road						
	Ch:0.00m to 5.00m		2	5.00	0.15	0.60	0.90
	Ch:5.00m to 20.00m		2	15.00	0.15	0.60	2.70
	Ch:20.00m to 35.00m		2	15.00	0.15	0.60	2.70
	Ch:35.00m to 47.40m		2	12.40	0.15	0.60	2.23
	Ch:47.40m to 55.90m		2	8.50	0.15	0.60	1.53
	Chowdeshawari layout						
	3rd cross road CC Drain						
	Ch:0.00m to 30.00m		2	30.00	0.15	0.60	5.40
	Ch:30.00m to 37.00m		2	7.00	0.15	0.60	1.26
	Ch:37.00m to 64.90m		2	27.90	0.15	0.60	5.02
	Kondappa Western Side						
	Majjid road CC Drain **RHS**						
	Ch:0.00m to 30.00m		2	30.00	0.15	0.60	5.40
	Ch:30.00m to 60.00m		2	30.00	0.15	0.60	5.40
	Ch:60.00m to 90.00m		2	30.00	0.15	0.60	5.40
	Ch:90.00m to 108.40m		2	18.40	0.15	0.60	3.31
	Ch:0.00m to 30.00m **LHS**		2	30.00	0.15	0.60	5.40
	Ch:30.00m to 60.00m		2	30.00	0.15	0.60	5.40
	Ch:60.00m to 90.00m		2	30.00	0.15	0.60	5.40
	Ch:90.00m to 120.00m		2	30.00	0.15	0.60	5.40
	Ch:120.00m to 138.40m		2	18.40	0.15	0.60	3.31
	Majjid back side road CC Drain						
	Ch:0.00m to 30.00m		2	30.00	0.15	0.60	5.40
	Ch:30.00m to 60.00m		2	30.00	0.15	0.60	5.40
	Ch:60.00m to 90.00m		2	30.00	0.15	0.60	5.40
	Ch:90.00m to 94.80m		2	4.80	0.15	0.60	0.86
	Mestri home road						
	Ch:0.00m to 9.80m		2	9.80	0.15	0.60	1.76
	Ch:9.80m to 39.80m		2	30.00	0.15	0.60	5.40
	Ch:38.80m to 49.30m		2	9.50	0.15	0.60	1.71
	Ch:49.30m to 69.30m		2	20.00	0.15	0.60	3.60
	Kondappa Eastern Side						

Verified
Payable
30/9
A.E.E

Cd Rc

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Asst. Executive Engineer

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Maga Factory road						
	Ch:0.00m to 24.60m		2	24.60	0.15	0.60	4.43
	Jnanabharathi school cc drain		2	30.00	0.15	0.55	4.95
	Ch:30.00m to 38.90m		2	8.90	0.15	0.55	1.47
	15th cross road						
	Ch:0.00m to 30.00m		2	30.00	0.15	0.60	5.40
	Ch:30.00m to 60.00m		2	30.00	0.15	0.60	5.40
	Ch:60.00m to 82.00m		2	22.00	0.15	0.60	3.96
	Beside 14th and 15th cross						
	Ch:0.00m to 30.00m		2	30.00	0.15	0.55	4.95
	Ch:30.00m to 35.00m		2	5.00	0.15	0.60	0.90
	Culverts						
	3rd cross road		2	4.50	0.23	0.60	1.24
	Majjid road		2	6.00	0.23	0.50	1.38
	6th main road		2	4.80	0.23	0.50	1.10
	7th cross road		2	3.70	0.23	0.50	0.85
			1	0.80	0.23	0.50	0.09
	8th cross road		2	3.70	0.23	0.50	0.85
			1	0.40	0.23	0.50	0.05
			1	0.50	0.23	0.50	0.06
	9th cross road		2	4.40	0.23	0.55	1.11
			1	1.60	0.23	0.50	0.18
	10th cross road		2	3.80	0.23	0.55	0.96
			1	1.10	0.23	0.50	0.13
	11th cross road		2	4.50	0.23	0.50	1.04
			1	1.20	0.23	0.50	0.14
	Majjid back side road		2	5.60	0.23	0.50	1.29
	1st cross Chowdeshawari layout		2	5.00	0.23	0.50	1.15
			2	4.90	0.23	0.50	1.13
	2nd cross Chowdeshawari layout		2	5.00	0.23	0.60	1.38
		CC&C			**Total Qty of 09**		**291.47**

Verified

A.E.E 30/9

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison

Assistant Executive Engineer

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 1/10/2020

(As per BOQ) Item No 93

KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500 Raft & Sub structure (I No-28.8.2,P No-225)

Sl No	Discription	Dia in mm	Nos	Cutting length of bar	Total length of bar	Weight/ m in Kgs	Total Wt of Kgs
	For Drains						
	Main road CC Drain						
	Drian (Length = 97.80Mtr)						
	U-shape Bar	10	978	1.65	1613.70	0.62	995.04
	Distribution Bars	10	10	97.75	977.50	0.62	602.74
	6th Main road CC Drain Chowdeshawari layout (Length =69.20Mtr)						
	U-shape Bar	10	692	1.50	1038.00	0.62	640.05
	Distribution Bars	8	10	69.15	691.50	0.39	272.89
	5th B cross road (Length =55.90 Mtr)						
	U-shape Bar	10	559	1.50	838.50	0.62	517.03
	Distribution Bars	8	10	55.94	559.40	0.39	220.76
	3rd cross road CC Drain (Length =64.90Mtr)						
	U-shape Bar	10	649	1.50	973.50	0.62	600.28
	Distribution Bars	8	10	64.94	649.40	0.39	256.28
	Majjid road CC Drain (Length =246.80Mtr)						
	U-shape Bar	10	2468	1.50	3702.00	0.62	2282.72
	Distribution Bars	8	10	246.75	2467.50	0.39	973.76
	Majjid back side road CC Drain (Length =94.80Mtr)						
	U-shape Bar	10	948	1.50	1422.00	0.62	876.83
	Distribution Bars	8	10	94.75	947.50	0.39	373.92
	Mestri home road (Length =69.30Mtr)						
	U-shape Bar	10	693	1.50	1039.50	0.62	640.97
	Distribution Bars	8	10	69.25	692.50	0.39	275.28
	Maga Factory road (Length =24.60Mtr)						
	U-shape Bar	10	246	1.65	405.90	0.62	250.29
	Distribution Bars	8	10	24.10	241.00	0.39	95.11
	Jnanabharathi school cc drain (Length =38.90Mtr)						
	U-shape Bar	10	389	1.65	641.85	0.62	395.78
	Distribution Bars	10	10	38.85	388.50	0.62	239.56
	15th cross road (Length =117Mtr)						
	U-shape Bar	10	1170	1.65	1930.50	0.62	1190.38
	Distribution Bars	8	10	117.00	1170.00	0.39	461.72

Verified
A.E.E 1/12/2020

Contractor

SOCIUS ENGG. TECH PVT LTD Bengaluru 560 010 Consultant

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zo.)
Assistant Executive Engineer

Sl No	Discription	Dia in mm	Nos	Cutting length of bar	Total length of bar	Weight/ m in Kgs	Total Wt of Kgs
	Culverts						
	3rd cross road (Length = 4.5Mtr)						
	U-shape Bar	12	90	5.90	531.00	0.89	471.49
	Distribution Bars	10	16	4.50	72.00	0.62	44.40
	Majjid road (Length = 6Mtr)						
	U-shape Bar	12	120	5.90	708.00	0.89	628.65
	Distribution Bars	10	16	6.00	96.00	0.62	59.20
	7th cross road (Length = 4.5Mtr)						
	U-shape Bar	12	90	5.90	531.00	0.89	471.49
	Distribution Bars	10	16	4.50	72.00	0.62	44.40
	8th cross road (Length = 4.1Mtr)						
	U-shape Bar	12	56	5.90	330.40	0.89	293.37
	Distribution Bars	10	16	4.10	65.60	0.62	40.45
	9th cross road (Length =6Mtr)						
	U-shape Bar	12	120	5.90	708.00	0.89	628.65
	Distribution Bars	10	16	6.00	96.00	0.62	59.20
	10th cross road (Length = 4.90 Mtr)						
	U-shape Bar	12	98	5.90	578.20	0.89	513.40
	Distribution Bars	10	16	4.90	78.40	0.62	48.34
	11th cross road (Length = 5.7 Mtr)						
	U-shape Bar	12	114	5.90	672.60	0.89	597.22
	Distribution Bars	10	16	5.70	91.20	0.62	56.24
	Majjid back side road (Length = 5.7 Mtr)						
	U-shape Bar	12	114	5.90	672.60	0.89	597.22
	Distribution Bars	10	16	5.70	91.20	0.62	56.24
	1st cross Chowdeshawari layout-1. (Length = 5 Mtr)						
	U-shape Bar	12	100	5.90	590.00	0.89	523.88
	Distribution Bars	10	16	5.00	80.00	0.62	49.33
	1st cross Chowdeshawari layout-2. (Length = 4.90 Mtr)						
	U-shape Bar	12	98	5.90	578.20	0.89	513.40
	Distribution Bars	10	16	4.90	78.40	0.62	48.34
	2nd cross Chowdeshawari layout (Length = 5 Mtr)						
	U-shape Bar	12	100	5.94	594.19	0.89	527.59
	Distribution Bars	10	16	5.00	80.00	0.62	49.33
						Qty in Kgs	18481.20
						Total Qty MT	**18.48**

Verified

A.E.E

11/12/2020

Asst. Executive Engineer
Yelahanka Sub. Divison

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 8/10/2020

(As per BOQ) Item No 97

KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead= (I No-19.14,P No-143) 10km lead = (1.28x2x10)

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
		Cum			Avg.		
	Chowdeshwari ward no -02						
	6th main road Ch:0.00m to 30.00m		1	30.00	5.03	0.30	45.30
	Ch:30.00m to 60.00m		1	30.00	5.27	0.30	47.40
	Ch:60.00m to 90.00m		1	30.00	5.37	0.30	48.30
	Ch:90.00m to 115.30m		1	25.30	4.77	0.30	36.18
	5th B cross road Ch:0.00m to 30.00m		1	30.00	3.87	0.30	34.80
	15th cross road Ch:0.00m to 22.00m		1	22.00	4.00	0.23	20.24
						Total Qty	**232.22**

Verified
A.E.E
8/10/2020
C&RE

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010 Consultant

Assistant Engineer

Assistant Executive Engineer

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 7/10/2020

(As per BOQ) Item No 102

KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202.(I No-18.47,P No-140) Loading and unloading with 10km lead= (I No-

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
	Chowdeshwari ward no -02	**Cum**					
	5th B cross road						
	Ch:0.00m to 29.20m		1	29.20	3.40	0.20	19.86
	Jnanabharathi School road						
	Ch:0.00m to 30.00m		1	30.00	7.67	0.20	46.00
	Ch:30.00m to 39.00m		1	9.00	7.00	0.25	15.75
	15th cross road Ch:0.00m to 30.00m		1	30.00	4.25	0.20	25.50
	Ch:30.00m to 60.00m		1	30.00	4.00	0.20	24.00
						Total Qty	**131.11**

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Vnk. Zn)
Yelahanka, Bangalore

Bengaluru 560 010

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 9/10/2020

(As per BOQ) Item No 98

KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3 (I No-19.64,P No-147)

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity
		Sqm			Avg.		
	Chowdeshwari ward no -02						
	6th main road		1	30.00	5.03		151.00
			1	30.00	5.27		158.00
			1	30.00	5.37		161.00
			1	25.30	4.77		120.60
	5th B cross road		1	30.00	3.87		116.00
			1	29.20	3.40		99.28
	Jnanabharathi School road						
			1	30.00	7.67		230.00
			1	9.00	7.00		63.00
	15th cross road		1	30.00	4.25		127.50
			1	30.00	4.00		120.00
			1	22.00	4.00		88.00
						Total Qty	**1434.38**

Verified
A.E.E
9/x/2020

C&RC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

Assistant Engineer

Assistant Executive Engineer

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 8/10/2020

(As per BOQ) Item No ~~97~~ 160

KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5. with OPC at 150 kg/cum and coarse aggregate .86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor. (I No-22.1,P No-174)

Sl. No.	Description of work	Unit	No.	Length m	Breadth m Avg.	Depth m	Quantity
	Chowdeshwari ward no -02	Cum					
	6th main road Ch:0.00m to 30.00m		1	30.00	5.03	0.15	22.65
	Ch:30.00m to 60.00m		1	30.00	5.27	0.15	23.70
	Ch:60.00m to 90.00m		1	30.00	5.37	0.15	24.15
	Ch:90.00m to 115.30m		1	25.30	4.77	0.15	18.09
	5th B cross road Ch:0.00m to 30.00m		1	30.00	3.87	0.15	17.40
	Ch:30.00m to 59.20m		1	29.20	3.40	0.15	14.89
	Jnanabharathi School road						
	Ch:0.00m to 30.00m		1	30.00	7.67	0.15	34.50
	Ch:30.00m to 39.00m		1	9.00	7.00	0.15	9.45
	15th cross road Ch:0.00m to 30.00m		1	30.00	4.25	0.15	19.13
	Ch:30.00m to 60.00m		1	30.00	4.00	0.15	18.00
	Ch:60.00m to 82.00m		1	22.00	4.00	0.15	13.20
						Total Qty	**215.16**

Verified
A.E.E
8/X/2020

Cal/PC

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Vnk. Zn)
Yelahanka, Bangalore

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ntractor

Improvements to roads and drains and other developmental works in Singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
81	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)								
	Vide Premeasurement page no.					75.00			
					Present Qty	75.00	Sqm	113.56	8517.00
82	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								
	Vide Premeasurement page no.					972.08			
					Present Qty	972.08	Sqm	227.33	220979.00
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
	Vide Premeasurement page no.					145.72			
					Present Qty	145.72	Cum	5617.31	818540.00
92	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc. complete								
	Vide Premeasurement page no.					291.47			
					Present Qty	291.47	Cum	7213.61	2102581.00
93	KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500 Raft & Sub structure (I No-28.8.2,P No-225)								
	Vide Premeasurement page no.					18.48			
					Present Qty	18.48	Ton	73793.99	1363802.00
97	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead= (I No-19.14,P No-143) 10km lead = (1.28x2x10)								
	Vide Premeasurement page no.					232.22			
					Present Qty	232.22	Cum	71.22	16539.00
102	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications MORTH								
	Vide Premeasurement page no.					131.11			
					Present Qty	131.11	Cum	999.15	130994.00

SOCIUS ENGG. Pvt. Ltd. Bengaluru 560 010

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Division
Assistant Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
98	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3 (I No-19.64,P No-147)								
	Vide Premeasurement page no.					1434.38			
					Present Qty	**1434.38**	**Sqm**	**6.49**	**9308.00**
99	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete								
	Vide Premeasurement page no.					215.16			
					Present Qty	**215.16**	**Cum**	**3877.18**	**834200.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka. Bangalore

Bengaluru

Name of work:- Imrovements to roads and drains and other developmental works in Nanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 6/10/2020

(As per BOQ) Item No 94

Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM of machineries, curing, lead and lift charges etc, Complete as per MORTH specifications No. 1500, 1700. (P.No-272 ,I No-37.66 of PWD BCSR 2018-19),

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m			
		m							
	Chowdeshwari ward no -02								
	Main road CC Drain, Telugu school to Vijaya Jyothi School								
	Ch:0.00m to 30.00m		1	30.00			30.00		
	Ch:30.00m to 60.00m		1	22.00			22.00		
	Ch:60.00m to 90.00m		1	18.60			18.60		
	Ch:90.00m to 97.80m		1	7.80			7.80		
	Chowdeshawari layout								
	6th Main road CC Drain Chowdeshawari layout								
	Ch:0.00m to 13.50m		1	13.50			13.50		
	Ch:13.50m to 41.50m		1	19.50			19.50		
	Ch:41.50m to 69.20m		1	27.70			27.70		
	Markandeya Temple								
	5th B cross road								
	Ch:0.00m to 5.00m		1	5.00			5.00		
	Ch:5.00m to 20.00m		1	10.50			10.50		
	Ch:20.00m to 35.00m		1	15.00			15.00		
	Ch:35.00m to 47.40m		1	8.60			8.60		
	Ch:47.40m to 55.90m		1	8.50			8.50		
	Chowdeshawari layout								
	3rd cross road CC Drain								
	Ch:0.00m to 30.00m		1	18.60			18.60		
	Ch:30.00m to 37.00m		1	7.00			7.00		
	Ch:37.00m to 64.90m		1	27.90			27.90		
	Kondappa Western Side								
	Majjid road CC Drain								
	RHS, Ch:0.00m to 30.00m		1	23.80			23.80		
	Ch:30.00m to 60.00m		1	14.80			14.80		
	Ch:60.00m to 90.00m		1	16.00			16.00		
	Ch:90.00m to 108.40m		1	18.40			18.40		
	Ch:0.00m to 30.00m **LHS**		1	23.90			23.90		
	Ch:30.00m to 60.00m		1	25.40			25.40		
	Ch:60.00m to 90.00m		1	21.60			21.60		
	Ch:90.00m to 120.00m		1	30.00			30.00		
	Ch:120.00m to 138.40m		1	18.40			18.40		
						Total Qty	432.50	1169.10	505636.00

Verified
Payment
A.E.E 3/11/2020

C&PC

Bengaluru 560 010

Asst. Executive Engineer
Yelahanka Sub. Division
(Assistant Executive Engineer)

Name of work:- Imrovements to roads and drains and other developmental works in Nagenayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 18/10/2020

(As per BOQ) Item No 9.5

Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of Machinery, loading, unloading, lead and lift, transportation etc ,copmplete.

Sl No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate	Amount
				m	m	m			
		Sqm							
	Chowdeshwari ward no -02								
	Majjid back side road CC Drain								
	Ch:0.00m to 30.00m		1	30.00	0.75		22.50		
	Ch:30.00m to 60.00m		1	30.00	0.75		22.50		
	Ch:60.00m to 90.00m		1	30.00	0.75		22.50		
	Ch:90.00m to 94.80m		1	4.80	0.75		3.60		
	Mestri home road								
	Ch:0.00m to 9.80m		1	9.80	0.75		7.35		
	Ch:9.80m to 39.80m		1	30.00	0.75		22.50		
	Ch:38.80m to 49.30m		1	9.50	0.75		7.13		
	Ch:49.30m to 69.30m		1	20.00	0.75		15.00		
	1st cross road, RHS								
	Ch:0.00m to 30.00m		1	30.00	0.60		18.00		
	Ch:30.00m to 60.00m		1	30.00	0.60		18.00		
	Ch:60.00m to 90.00m		1	30.00	0.60		18.00		
	Ch:90.00m to 96.00m		1	6.00	0.60		3.60		
	LHS								
	Ch:0.00m to 30.00m		1	30.00	0.75		22.50		
	Ch:30.00m to 60.00m		1	30.00	0.60		18.00		
	Kondappa Eastern Side								
	Maga Factory road								
	Ch:0.00m to 24.60m		1	24.60	0.90		22.14		
	Jnanabharathi school cc drain								
	Ch:0.00m to 30.00m		1	30.00	0.60		18.00		
	Ch:30.00m to 37.80m		1	7.80	0.60		4.68		
	15th cross road								
	Ch:0.00m to 30.00m		1	30.00	0.90		27.00		
	Ch:30.00m to 60.00m		1	30.00	0.90		27.00		
	Ch:60.00m to 22.00m		1	22.00	0.90		19.80		
	Beside 14th and 15th cross								
	Ch:0.00m to 30.00m		1	30.00	0.75		22.50		
	Ch:30.00m to 35.00m		1	5.00	0.60		3.00		
						Total Qty	**365.30**	**2453.85**	**896379.00**

Verified

A.E.E 18/10/20

Caffc

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Yk. Zn)
Assistant Executive Engineer
Yelahanka, Bangalore

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 24/10/2020

(As per BOQ) Item No 96

Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate	Amount
	Chowdeshwari ward no -02	Sqm							
	Culverts								
	3rd cross road		1	4.50	1.20		5.40		
	Majjid road		1	6.00	1.20		7.20		
	6th main road		1	4.80	1.20		5.76		
	7th cross road		1	3.70	1.20		4.44		
	8th cross road		1	3.70	1.20		4.44		
	9th cross road		1	4.40	1.20		5.28		
	10th cross road		1	3.80	1.20		4.56		
	11th cross road		1	4.50	1.20		5.40		
	Majjid back side road		1	5.60	1.20		6.72		
	1st cross Chowdeshawari layout		1	5.00	1.20		6.00		
			1	4.90	1.20		5.88		
	2nd cross Chowdeshawari layout		1	5.00	1.20		6.00		
			1	10.80	1.50		16.20		
			1	5.30	1.50		7.95		
			1	6.00	1.20		7.20		
			1	1.00	1.20		1.20		
						Total Qty	99.63	5688.90	566785.00

Verified
A.E.E
24/10/20

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yhk. Zn)
Yelahanka, Bangalore

ENGG. TECH PVT. LTD. Bengaluru

Assistant Executive Engineer

Name of work:- Imrovements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)

Measurements Recorded on : 8/10/2020

(As per BOQ) Item No 97

Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS 383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to(P.No-176,I No-22 6.1)

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate	Amount
	Chowdeshwari ward no -02	**Cum**							
	6th main road Ch:0.00m to 30.00m		1	30.00	5.03	0.15	22.65		
	Ch:30.00m to 60.00m		1	30.00	5.27	0.15	23.70		
	Ch:60.00m to 90.00m		1	30.00	5.37	0.15	24.15		
	Ch:90.00m to 115.30m		1	25.30	4.77	0.15	18.09		
	5th B cross road Ch:0.00m to 30.00m		1	30.00	3.87	0.15	17.40		
	Ch:30.00m to 59.20m		1	29.20	3.40	0.15	14.89		
	Jnanabharathi School road Ch:0.00m to 30.00m		1	30.00	7.67	0.15	34.50		
	Ch:30.00m to 39.00m		1	9.00	7.00	0.15	9.45		
	15th cross road Ch:0.00m to 30.00m		1	30.00	4.25	0.15	19.13		
	Ch:30.00m to 60.00m		1	30.00	4.00	0.15	18.00		
	Ch:60.00m to 82.00m		1	22.00	4.00	0.15	13.20		
							Total Qty	**215.16**	**5316.65**	**1143913.00**
							Total			**8618173.00**
							GST 12%			**1034181.00**
							Grand Total			**9652354.00**

A.E.E 8/10/2020

03/02/2021

Verified

Contractor

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

Asst. Executive Engineer
Yelahanka Sub. Division
(Assistant Executive Engineer